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METEOROLOGICAL REPORT.

*From observations made in the neighbourhood of Belfast. Latitude 54° 35 min. 43 sec.
Longitude 5° 58 min. 14 sec. West of London.*

- Oct. 21,.....Wet during the night, a dry day.
22—30,.....Fine.
31,.....Some Showers.
- Nov. 1,.....Heavy hail showers.
2,.....Some Showers.
3—4,.....Fine days.
5,.....Wet day.
6,.....Very heavy rain.
7,.....Several Showers.
8,.....Heavy showers, with great squalls.
9,.....Wet and windy morning.
10,.....Some showers.
11,.....Very heavy rain during the after part of the day.
12,.....Very heavy showers.
13,.....Rain, and wind at night.
14,.....Wet stormy night.
15,.....Some heavy showers.
16,.....Stormy night, snow halfway down the Mountains.
17,.....Snow falling and lying in the low-lands all day.
18,.....Dry pleasant day.
19—20,.....Misty rain all day.

Considerable changes have been observed in the Thermometer during this period ; on the 21st of October it was at 50°, on the 23d at 51°, on the 29th at 32°, on the 4th of November it was at 33½°, on the 5th it was 48°, on the 6th it was 50, on the 7th, 34, on the 14th and 17th, 32.

CELESTIAL PHENOMENA.

FOR DECEMBER, 1813.

On the 2d, the Moon is on the meridian at thirty-six minutes past seven, being now under the two eastern of the four stars in square, which are near to the meridian, on the west.

On the 7th is full Moon, at twenty-five minutes past eight in the evening. She rises under Aldebaran, at some distance to the west of her ; and she is directing her course under the sixth of the Bull to the thirteenth of the Twins. On the 8th, she rises under the seventh and twelfth of the Twins ; and is soon followed by the thirteenth, which suffers an occultation within half an hour after her passage over the meridian ; for it takes place at thirty-nine minutes and a half past one of the following morning, the star being seven minutes and forty seconds south of the centre ; and it ends at thirty-nine minutes and three quarters past two, the star being nine minutes and a half south of the centre. On the 11th, the Moon rises in the barren space between the Crab and the Lion ; and, as she rises in the heavens, forms, with the first of the Lion and Jupiter, a pleasing groupe.

On the 16th, the Moon rises in the morning, under the five stars in triangle of the Virgin, near to the third of this constellation. On the 23d is new Moon, at a quarter past seven in the evening.